

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
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MAR 31 1993

DIVISION OF
OIL GAS & MINING

ANNUAL REPORT OF MINING OPERATIONS

The informational requirements of this form are based on provisions of the Mined Land Reclamation Act, Title 40-8, Utah Code Annotated 1953, as amended, and the General Rules as promulgated under the Utah Minerals Regulatory Program. An operator conducting mining operations under a Notice of Intention must file an annual operations and progress report (FORM MR-AR) with the Division.

I. GENERAL INFORMATION

1. Report Time Period: From (mo./yr.) Jan 1, 1992 To (mo./yr.) Dec 31, 1992
2. DOGM File Number: M/ 053/ 005
3. Mine Name: GOLDSTRIKE MINE
4. Mineral(s) Mined: GOLD, SILVER
5. Legal Description (Location of Lands Affected): SEE ATTACHED COMMENTS, SEC 1.0
 1/4, 1/4, Section , Township , Range
 1/4, 1/4, Section , Township , Range
 1/4, 1/4, Section , Township , Range
6. Name of Operator or Company: USMX OF UTAH, INC.
7. Permanent Address: 38 Miles Northwest of St. George, Utah
P.O. Box 2650
St. George, Ut 84771

8. Company Representative (or designated operator):

Name: James A. Smith
Title: Mine Manager
Address: P.O. Box 2650, St. George, Ut 84771
Phone: (801) 574-3164

☒ Please check if any of the above information has changed since previous year.

II. MINING AND RECLAMATION

1. Was the mine active during the past year? Yes ☒ No ☐

2. If active, how much ore or mineral was mined? 1,539,960 tons ore

3. How much new or additional acreage was affected during past year? 153.9 acres

4. Briefly describe any new or additional surface disturbances that occurred during the past year. This description should include the type of work performed, and volume of material moved.

SEE ATTACHED COMMENTS, SECTION II

5. How much acreage was reclaimed during past year? 25 acres

6. Briefly describe the reclamation work performed during the past year. This description should include methods employed, and an evaluation of the results.

SEE COMMENTS, SECTION III

7. What is the total disturbed acreage at years end? 341.5

8. Briefly summarize mining and reclamation planned for the upcoming year.

SEE COMMENTS, SECTION IV

NOTE: Section III., "Additional Information" applies only to large mining operations.

III. ADDITIONAL INFORMATION

1. An updated surface facilities map should be attached if there have been significant changes since the previous map was submitted.
2. Any monitoring results or other reports that are required under the terms of the approved notice of intention should also be attached.

IV. SIGNATURE REQUIREMENT

I hereby certify that the foregoing is true and correct.

Name (Typed or Print): James A. Smith

Title of Operator: Mine Manager

Signature of Operator: 

Date: 29 MAR 93

jb
MR-AR

ANNUAL REPORT OF MINING OPERATIONS

GOLDSTRIKE MINE

COMMENTS

I.5. LEGAL DESCRIPTION OF AFFECTED LANDS

Township 39 South, Range 18 West

Section 16

SW 1/4 and NW 1/4 of SE 1/4
NE 1/4 and SE 1/4 and SW 1/4 of SW 1/4

Section 17

SE 1/4 and SW 1/4 of SE 1/4

Section 19

SE 1/4 of NE 1/4
SW 1/4 and NW 1/4 and NE 1/4 of SE 1/4
SE 1/4 and SW 1/4 of SW 1/4

Section 20

All of NW 1/4
All of NE 1/4

Section 21

All of NW 1/4
SW 1/4 and NW 1/4 of NE 1/4

Section 30

SW 1/4 and NW 1/4 and NE 1/4 of NW 1/4

Township 39 South, Range 19 West

Section 25

NE 1/4 and SE 1/4 and SW 1/4 of NE 1/4

II.4. ADDITIONAL DISTURBANCE DURING 1992

East Hamburg:

An extension of the pit was mined through June. Waste was used in backfill of the north end of the existing pit. East Hamburg is completely mined out now and has been approximately one-half backfilled to avoid ponding water.

West Hamburg:

Mining in West Hamburg was completed in September. Backfill of the lower pit to avoid water ponding is approximately one-third complete.

Padre:

The Padre pit was mined through October. During October backfill to avoid ponding was started by rehauling waste material stockpiled outside the pit. Reclamation work was suspended during the winter months for safety reasons and will be completed early spring of 1993.

Basin:

The haul road to the Basin pit was completed in January. Mining of Basin continued through the end of the year.

Goldtown:

The Goldtown pits were opened up in late 1991 and mining began in January of 1992. Mining was completed at the upper pit area in May and in August on the lower pit. Waste material was hauled to both areas for reclamation backfill. The upper area of approximately 7 acres was completely backfilled, contoured, topsoiled and seeded with the approved reclamation seed mix during late 1992. Backfill for reclamation is still in progress at the lower area.

Covington:

Haul roads from the mine area to the Covington pit were constructed with fill material from Basin and Hamburg pits. Mining of Covington pit started in September and continued through the end of the year. Waste was used to build the haul road to the Moosehead pit and for backfill of Hamburg pits.

Moosehead:

Opening cuts were made at Moosehead late in 1992.

Total material mined for the year was 4,681,353 tons of which 621,595 tons were crusher grade ore, 918,365 tons were run-of-mine ore and 3,141,393 tons were waste. Primary areas of waste disposal were; Padre haul road, East and West Hamburg pit back-fill and Covington-Moosehead haul road construction.

II.6. RECLAMATION WORK.

Some type of reclamation work was accomplished in nearly every area of the mine during the year. However, the majority of effort was in backfilling pits which were not completed to final topsoil and seeding stage. Significant backfill was placed in East Hamburg, West Hamburg, Padre and Goldtown pits. Of these pits, only seven (7) acres in the Goldtown area was completed. Topsoil piles (approximately 10 acres total) in Main Zone and along the Covington-Moosehead haul road were seeded late fall with a seed mix of annual rye, tall wheat grass and alfalfa for stabilization.

Approximately 16,000 linear feet (9.2 acres) of drill roads with an average width of 25 feet within the mining area which were no longer needed were reclaimed and seeded late fall with approved reclamation seed mix. Also, areas of disturbance above the haul roads and highwalls of pits were seeded with the reclamation mix. This included an estimated 20,000 linear feet with an average width or 20 feet or 9.2 acres.

Outside of the mine permit area, approximately 44,000 linear feet of drill exploration roads were reclaimed and seeded during late spring of 1992. At an average width of 25 feet this is equal to 25.25 acres. Field checks were made during the fall of these spring seeding and no discernable germination had taken place. As a result of this observation, these areas were covered by an additional seed application during October-November of 1992.

All seedings were performed by hand broadcast of the seed. In areas where reclamation work was just completed and the surface of the soil was sufficiently broken and loose, the seeds were not raked in. In areas which the surface had been reclaimed for some time, the surface crust was broken up by raking to cover the seed.

Animal exclosures were constructed at Goldtown and on a reclaimed exploration road in the mouth of Black Canyon. At each location, an eight foot high net wire fence was built to exclude deer and rodents. Adjacent to this is an area surrounded by standard range fence to exclude livestock. These exclosures should assist in determining future effects on reseed areas due to livestock and wildlife.

Also located in the Goldtown completed reclamation are 10 test plots each 30 x 40 feet. The plots were seeded with various plant species to aid in determining suitability for future planting. Application was by hand broadcast to achieve coverage visually. Varieties used on each plot are:

1. Intermediate Wheat Grass and Bitterbrush.
2. Thickspike Wheat Grass and Serviceberry.
3. Cliffrose, Indian Rice Grass and Crested Wheat Grass.
4. Russian Wildrye, Eaton Penstomen and Yellow Clover.
5. Lewis Flax, Tall Wheat Grass and Big Sage Brush.
6. Globemallow, Four Wing Saltbrush, Alfalfa and Streambank Wheat Grass.
7. Pubescent Wheat Grass and Mountain Mahogany.
8. Kochia and Smooth Brome.
9. Sumac and Galleta Grass.
10. Perennial Rye (*Secale Montanum*).

Topsoil piles seeded in 1991 had good success. Areas on Hamburg Peak continued to fill in both from the additional seeding and from natural propagation where new seeding was not applied. Some areas however had growth start and then died out. It appears that they are shallow with rock ledges underneath and may never support growth.

II.8. PLANNED ACTIVITIES FOR 1993

During the coming year, mining will be in the Covington and Moosehead pits. Economics and reserves are still being considered on the Arsenic, Caribou and Picaroon pits and some activity may occur at these areas if the outcome is positive. In addition to these, additional reserves to the southwest are being explored and considered for permitting.

Reclamation should be completed on the Padre, West Hamburg, Basin and Goldtown pits. The East Hamburg pit is not expected to backfilled by years end. Some rinsing of leach pad #1 was done during 1992. Preliminary data shows there may be sufficient mineral in Pad #1 to warrant further leaching. If this is done, the rinse of pad #1 will be postponed to a later time.